

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



SPUD GROWING



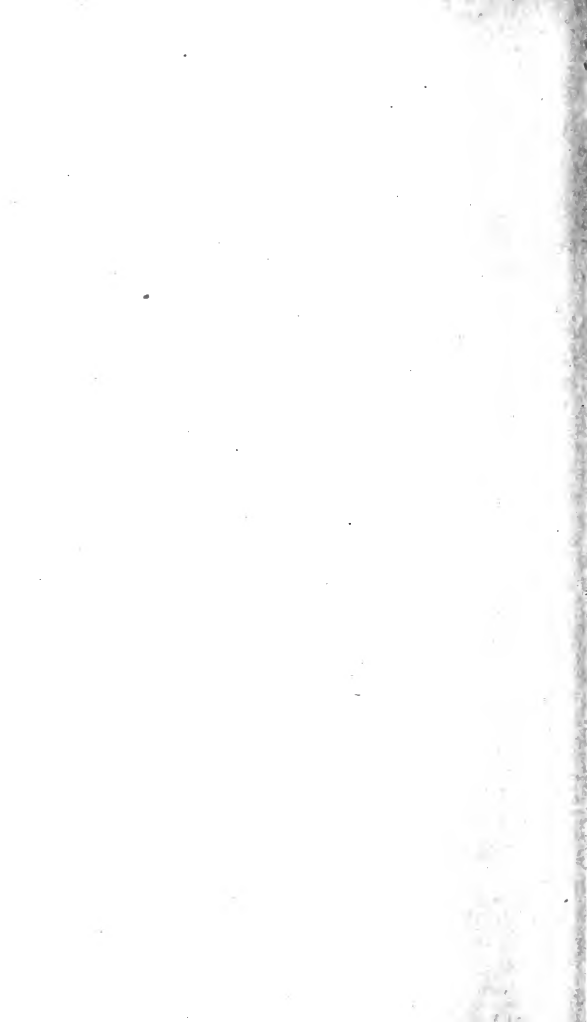
\$15.00 BUSHEL OF
RURAL NEW YORKERS



CAMPBELL FARM
THREE LAKES

ONEIDA COUNTY

WISCONSIN



CAMPBELL FARM
THREE LAKES

ONEIDA COUNTY WISCONSIN



F. S. CAMPBELL & SONS

GROWERS

PUREBRED SEED POTATOES



OUR SPECIALTIES

RURALS AND COBBLERS

GUERNSEY CATTLE

AND

BARRED ROCK POULTRY



POTATOES
442 BUSHELS PER ACRE.

We usually grow from six to ten acres of Rural New Yorkers and Irish Cobbler potatoes per year. We also grow a few Triumphs, and this year we grew our first Green Mountains from the famous E. L. Luther strain of seed which has been hill selected for four years.

This year we raised 1610 bushels on six and one-half acres of land; about 250 bushels per acre. From our experimental seed plat of 1 3-16 acres, with hill selected seed and the maximum of fertility coupled with the best of care, we dug 525 $\frac{1}{4}$ bushels; an average yield of 442 bushels per acre. This piece of ground was seeded to medium red clover in the spring of 1913 at the rate of 16 pounds per acre, without nurse crop. In the season of 1914 two crops of clover yielded three tons per acre. As soon as the ground was frozen that fall, it was heavily top dressed with coarse manure, and May 20, 1915, with quite a heavy growth of clover it was plowed and thoroughly disced and dragged with spring and spike tooth harrows.

The field was planted May 28 using an Iron Age two man planter, set on a 15½ inch drop, rows three feet apart, and using 19 bushels of seed per acre. Our planter has a fertilizer attachment, and we used 400 pounds per acre of Swift & Company's Diamond W 4-8-3 fertilizer in one application in the drill at time of "planting". The first four rows were run without fertilizer as a check plot. These were Irish Cobblers and yielded without fertilizer at the rate of 377 bushels per acre. The next four rows with fertilizer, yielded at the rate of 428 bushels per acre—increase 51 bushels per acre. This grade and rate of application would make the increase of yield cost about 14 cents per bushel. The potatoes were also smoother and plumper where fertilizer was used.

In this plot we had a competitive try-out of each variety, Rurals, Green Mountains, Triumphs, and Cobblers. Planting one and three-fourths bushels of each kind. The yields per acre were as follows:

Rurals—291 bushels.

Green Mountains—475 bushels.

Triumphs—480 bushels.

Cobblers—444½ bushels.

We also had a tuber unit experiment of the above four varieties, and have in our cellars 208 sacks, each containing the product of one potato. The seed used was the choicest pick of 2000 bushels and each potato was cut lengthwise into three pieces, only large seed being used, and the following yields per acre were obtained:

Rurals—387 bushels.

Green Mountains—532 bushels.



CAMPBELL F
THREE LAKES IN T

We used two knives, and kept one always in a pail of formaldehyde solution and changed knives whenever we cut into a potato that was rejected.

Triumphs—550 bushels.

Cobblers—390 bushels.

As between the tuber unit and $1\frac{3}{4}$ bushel experiments note the increase from the extra select seed:

Increase of Rurals—96 bushels per acre.

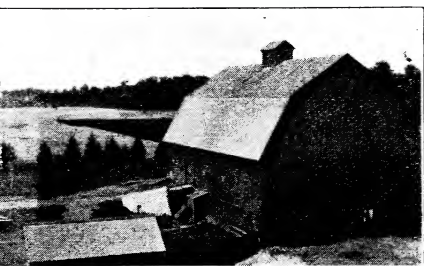
Increase of Green Mountains—57 bushels per acre.

Increase of Triumphs—70 bushels per acre.

Decrease of Cobblers— $54\frac{1}{2}$ bushels per acre.

This decrease is due to the fact that the Cobblers were planted on the edge of the dead furrow, and lacked fertility.

All of our seed was hand cut, and soaked in corrosive sublimate solution.



L FARM THE DISTANCE.

CAMPBELL FARM is located one mile south-east from Three Lakes, Oneida County, Wisconsin, on the C. & N. W. Ry. 256 miles north from Milwaukee.

The recent Forest Reserve Soil Survey classes our land as Antigo Fine Sandy Loam of the level phase, due to its alluvial origin. Drainage good, stands drought well. From fine sandy loam it merges heavier, nearly to a silt loam texture. The survey further says this soil is adapted to potato and grain raising and this, combined with dairy farming will make it one of the best agricultural soils in the area.

We sow from six to 10 bushels of clover seed per year. We have 150 acres free from stumps, and about 110 acres of this under cultivation.



**STATE INSPECTOR AT WORK IN
Campbell Farm Potato Field.**

**OUR POTATOES ARE BACKED BY THE
FOLLOWING RECORD OF WINNINGS:**

RURAL NEW YORKERS

First Premium Oneida County Fair,
1912.

Second Premium Oneida County Fair,
1913.

Oneida County Silver Cup Award, Wis-
consin Potato Growers' Association,
Rhineland, 1913.

First Premium Oneida County Fair,
1914.

Represented in the Oneida County Per-
fect Score Exhibit, State Fair, 1914.

Silver Cup Award, Oneida County Po-
tato Show, Rhineland, 1914.

Fourth Premium in Class I, among 84
entries, State Potato Show, 1914.

Third Premium Oneida County Fair,
1915.

Silver Cup Award, Oneida County Po-
tato Show, Rhineland, 1915.

IRISH COBBLERS

First Premium Oneida County Fair, 1913.

Oneida County Silver Cup Award, Wisconsin Potato Growers' Association, Rhinelander, 1913.

Second Premium, Wisconsin Potato Growers' Association, 1913.

First Premium Oneida County Fair, 1914.

Represented in Oneida County Perfect Score Exhibit, State Fair, 1914.

Silver Cup Award, Oneida County Potato Show, Rhinelander, 1914.

First Premium Oneida County Fair, 1915.

Silver Cup Award Oneida County Potato Show, Rhinelander, 1915.

At the 1914 State Potato Show, in the five bushel feature exhibit, all varieties competing, we won both first and second with Rurals, and Cobblers, respectively.

In Class 6—Seed Certification—we won first on Rurals and second on Cobblers. Our Rurals won sweepstakes in this class over all varieties.

GROWING POTATOES

To grow a bumper crop of top-notch potatoes you must have the maximum of fertility in your soil. Plant plenty of seed, the best obtainable, that grown in Oneida County, the seed potato center of Wisconsin, preferred. Plant early, after the most approved methods. Use liberal applications of Bordeaux. Grow potatoes, not weeds! Feed no bugs, fight any sign of disease, and harvest before freezing weather.

We offer 1000 bushels of choice Rural and Cobbler seed stock for sale, and solicit the pleasure of your business.



